



PATENT

Attorney Docket No. 13274

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Browning et al.

Serial No.: 10/608,579

Art Unit: 3739

Filed: June 27, 2003

Examiner: Cohen, Lee S.

For: SKIN CONDUCTION AND TRANSPORT SYSTEMS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

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Applicants submit herewith patents, publications, or other information, of which they are aware that they believe may be material, as defined in 37 CFR § 1.56(b), to the examination of this application, and in respect of which, there may be a duty to disclose in accordance with 37 CFR § 1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended, pursuant to 37 CFR §1.97(h), to constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. Further, pursuant to 37 CFR §1.97(g), the filing of this Information Disclosure Statement should not be construed as a statement that a

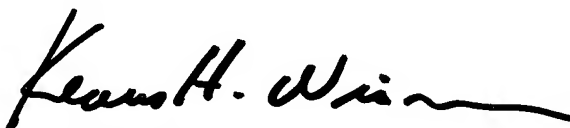
search has been made or that no other material information exists. The filing of this information disclosure statement shall not be construed as an admission against interest in any manner.

2. Transmitted herewith and forming a part of this Information Disclosure Statement are forms PTO/SB/08A and PTO/SB/08b (4 sheets) on which are listed all cited items of information. Also included are copies of all foreign and non-patent literature documents.

3. Enclosed herewith is the fee of \$180 for submission of this Information Disclosure Statement as specified in 37 CFR §1.17(p).

The person making this statement is the practitioner who signs below on the basis of the information in the practitioner's file.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Klaus H. Wiesmann", with a long horizontal flourish extending to the right.

Registration No. 30,437

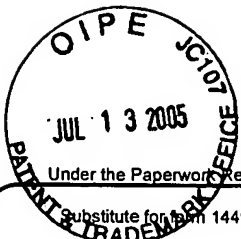
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/608,579
Filing Date	06-27-2003
First Named Inventor	Browning et al.
Art Unit	3739
Examiner Name	Cohen, Lee S.
Attorney Docket Number	13274

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US- 4,229,479	10-21-1980	Brick et al.	
	A2	US- 4,379,454	04-12-1983	Campbell et al.	
	A3	US- 4,457,748	07-03-1984	Lattin et al.	
	A4	US- 4,458,686	07-10-1984	Clark, Jr.	
	A5	US- 4,705,682	11-10-1987	Moeller et al.	
	A6	US- 4,777,954	10-18-1988	Keusch et al.	
	A7	US- 4,821,733	04-18-1989	Peck	
	A8	US- 4,975,441	12-01-1990	Gibson	
	A9	US- 5,023,085	06-11-1991	Francoeur et al.	
	A10	US- 5,036,861	08-06-1991	Sembrowich et al.	
	A11	US- 5,076,273	12-31-1991	Schoendorfer et al.	
	A12	US- 5,135,480	08-04-1992	Bannon et al.	
	A13	US- 5,139,023	08-18-1992	Stanley et al.	
	A14	US- 5,140,985	08-25-1992	Schroeder et al.	
	A15	US- 5,143,071	09-01-1992	Keusch et al.	
	A16	US- 5,203,327	04-20-1993	Schoendorfer et al.	
	A17	US- 5,279,543	01-18-1994	Glikfeld et al.	
	A18	US- 5,291,887	03-08-1994	Stanley et al.	
	A19	US- 5,302,172	04-12-1994	Sage et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	A20	EP 0 295 092 A2	12-14-1988	Scott et al.		
	A21	EP 0 613 942 A1	09-07-1994	Su		
	A22	EP 0 804 155 B1	11-05-1997	Gyory		
	A23	WO 96/00110	01-04-1996	Tamada et al.		
	A24	WO 00/01351	01-13-2000	Kirby et al.		
	A25	WO 00/33812	06-15-2000	Miranda et al.		

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of 4

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	B1	US- 5,334,138	08-02-1994	Sage et al.	
	B2	US- 5,358,714	10-25-1994	Green	
	B3	US- 5,441,048	08-15-1995	Schoendorfer	
	B4	US- 5,443,080	08-22-1995	D'Angelo et al.	
	B5	US- 5,498,420	03-12-1996	Edgar et al.	
	B6	US- 5,603,693	02-18-1997	Frenkel et al.	
	B7	US- 5,636,632	06-10-1997	Bommannan et al.	
	B8	US- 5,668,170	09-16-1997	Gyory	
	B9	US- 5,686,516	11-11-1997	Tzur	
	B10	US- 5,693,604	12-02-1997	Su	
	B11	US- 5,760,096	06-02-1998	Thornfeldt et al.	
	B12	US- 5,800,685	09-01-1998	Perrault	
	B13	US- 5,874,095	02-23-1999	Deckner et al.	
	B14	US- 5,921,925	07-13-1999	Cartmell et al.	
	B15	US- 5,952,000	09-14-1999	Venkateshawran et al.	
	B16	US- 5,954,685	09-21-1999	Tiemey	
	B17	US- 5,993,848	11-30-1999	Suzuki et al.	
	B18	US- 6,180,416 B1	01-30-2001	Kurnik et al.	
	B19	US- 6,233,471	05-15-2001	Berner et al.	

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Sheet	3	of	4
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	A21					
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	A24					
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Art Unit	379
Examiner Name	Cohen, Lee S.
Attorney Docket Number	13274

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	D1	BARRY, B.W.; Novel Mechanisms and Devices to Enable Successful Transdermal Drug Delivery; European Journal of Pharmaceutical Sciences 14 (2); 2001; pp 101-114; Elsevier	
	D2	BERTI, JEFFREY J. et al.; Transcutaneous Drug Delivery: A Practical Review; Mayo Clinic Proceedings.; June, 1995; Vol 70(6); pp 581-586	
	D3	HSU, CHANG-SHAN et al.; Anionic Gels as Vehicles for Electrically-Modulated Drug Delivery. I. Solvent & Drug Transport Phenomena; Pharmaceutical Research; Vol 13, No 12; 1996; PP. 1865-1870	
	D4	KANIKKANNAN, N. et al.; Structure-activity Relationship of Chemical Penetration Enhancers in Transdermal Drug Delivery; Current Medicinal Chemistry; 2000; 7; pp. 593-608	
	D5	PANCHAGNULA, RAMESH; Transdermal Iontophoresis Revisited; Next Generation Therapeutics; pp. 468-473	
	D6	PECK, KENDALL; Flux Enhancement Effects of Ionic Surfactants Upon Passive & Electroosmotic Transdermal Transport; J. of Pharmaceutical Sciences; Vol 87; 9; 09/98; pp. 1161-1169	
	D7	SANDERSON, JOHN E.; Iontophoretic Delivery of Nonpeptide Drugs: Formulation Optimization for Maximum Skin Permeability; J. of Pharmaceutical Sciences; Vol 78; No 5; 05/89; pp. 361-364	
	D8	VYAS, S.P.; et al.; Percutaneous Permeation: Principles, Means and Methods to Enhance the Permeation; Indian Drugs; 37(10; October, 2000; pp 454-463	
	D9	WANG, YOUMIN et al.; Effect of Sodium Dodecyl Sulfate on Iontophoresis of Hydrocortisone Across Hairless Mouse Skin; Pharmaceutical Development & Technology; 5(4); pp. 533-542 ; 2000	
	D10	XU, PING et al.; Enhanced Skin Permeability for Transdermal Drug Delivery: Physiopathological & Physicochemical Considerations; Critical Reviews in Therapeutic Drug Carrier Systems; 8(3) PP. 211-236; 1991	

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